

CLAIMS

What is claimed as being new and desired to be protected by LETTERS PATENT of the United States is as follows:

1. A remote control and flashlight system for combining the benefits of a remote control and a flashlight comprising, in combination:

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a housing having of a top portion and a bottom portion with each portion having a first end, a second end, a pair of generally parallel side faces between the first end and second end and a first transverse edge adjacent the first end and a second transverse edge adjacent the second end, the top portion also having an upper face with a plurality of holes, the top portion further having a first aperture in the first end and a second aperture in the second end opening into the transverse edges, the bottom portion having a bottom face with a window and a latchable covering, the bottom portion also having a first aperture in the first end and a second aperture in the second end opening into the transverse edges, the top and bottom portion being coupled together with the first and second transverse edges making contact and the two portions forming a single first circular aperture in the combined first ends and a single second circular aperture in the combined second ends;

an infrared light emitting diode located adjacent to the singular first circular aperture formed in the first end, the infrared light emitting diode being able to transmit a narrow beam of modulated infrared light with that infrared light having a central axis of dissemination;

a lightbulb for emitting visible light located in the single second circular aperture formed in the second end with the lightbulb emitting radiation with a central axis of dissemination being coaxial with the central axis of the infrared light but directed in opposite directions;

a pair of clear plastic covers each having a hemispherical shape with a convex apex and an open concave bottom with the open bottom of the first cover being coupled to the aperture in the combined first ends and the open bottom of the second cover being coupled to the aperture of the second ends such that the apexes point away from the housing, the coverings forming protective layers around the diode and bulb keeping debris out of the housing and preventing hot component from harming a user;

separate power sources being electrically coupled to the infrared light emitting diode and to the lightbulb, the power sources being accessible through the window of the bottom portion; and

a plurality of function buttons passing through holes in the housing with control circuitry being adapted to activate and modulate the infrared light source and with an on/off button passing through a hole in the housing to activate and inactivate the lightbulb, the function buttons and associated control circuitry being electrically coupled to the infrared light emitting diode and the power source and with the light bulb electrically coupled to the power source.

2. A remote control and flashlight system comprising:
a housing having of a top portion and a bottom portion with a periphery there between having at least one aperture there through, the top portion also having an upper face with a plurality of holes, the bottom portion having a bottom face with a window and a latchable covering;

an infrared light emitting diode, the infrared light emitting diode being able to transmit a narrow beam of modulated infrared light with that infrared light having a central axis of dissemination;

a lightbulb for emitting visible light with a central axis of dissemination;

a power source being electrically coupled to the infrared light emitting diode and lightbulb; and

a plurality of function buttons passing through holes in the housing with control circuitry being adapted to activate and modulate the infrared light source and with an on/off button passing through a hole in the housing to activate and inactivate the lightbulb.

3. The system as set forth in claim 2 wherein the infrared light emitting diode and the light bulb are at opposite ends of the housing for projecting light in opposite directions with a common axis.

4. The system as set forth in claim 2 wherein the infrared light emitting diode and the light bulb are at the same end of the housing for projecting light in the same direction with parallel axes.

5. The system as set forth in claim 2 wherein the on/off button is on the top portion of the housing.

6. The system as set forth in claim 2 wherein the on/off button is between the top portion and the bottom portion on the periphery of the housing.

7. The system as set forth in claim 2 wherein the flashlight bulb and the modulated light have separate power sources.

8. The system as set forth in claim 2 wherein the flashlight bulb and the modulated light have a common power source.

9. A remote control and flashlight system comprising:
a housing having of a top portion and a bottom portion with each portion having a first end, a second end, a pair of generally parallel side faces and a first transverse edge adjacent the first end, the top portion also having an upper face with a plurality of holes, the top portion further having a first aperture in the first end opening into the first transverse edge, the bottom portion having a bottom face with a window and a latchable covering, the bottom portion also having a first aperture in the first end opening into the second transverse edge, the top and bottom portion being coupled together with the first and second transverse edges making contact and the two portions forming a single circular aperture in the combined first ends;

an infrared light emitting diode located recessed within the housing adjacent to the aperture formed in the first ends, the

infrared light emitting diode being able to transmit a narrow beam of modulated infrared light with that infrared light having a central axis of dissemination;

a lightbulb for emitting visible light located recessed within the housing adjacent the single circular aperture formed in the first ends and to the infrared light emitting diode, the lightbulb emitting radiation with a central axis of dissemination being parallel with the central axis of the infrared light;

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a clear plastic cover having a planar shape being coupled to the aperture in the combined first ends and being planar with the first end, the covering forming a protective layer around the diode and bulb keeping debris out of the housing and preventing hot components from harming a user;

a common power source being electrically coupled to the infrared light emitting diode and lightbulb, the power source being accessible through the window of the bottom portion; and

a plurality of function buttons passing through holes in the housing with control circuitry being adapted to activate and modulate the infrared light source and with an on/off button passing through a hole in the housing to activate and inactivate the lightbulb, the function buttons and associated control circuitry being electrically coupled to the infrared light emitting diode and the power source and with the light bulb electrically coupled to the power source.